

FILE NOTATIONS

Entered in NID File _____
 Entered On S R Sheet _____
 Location Map Pinned _____
 Card Indexed _____
 I W R for State or Fee Land _____

Checked by Chief _____
 Copy NID to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed _____
 OW _____ WW _____ TA ☒
 GW _____ OS _____ PA _____

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) 3

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro ☒
 Lat ☒ MI-L _____ Sonic _____ Others Radiation Log

1-30-91
 for

Form 3 Rec'd 7-31-64

Scout Report sent out ☒

Noted in the M.D. File ☒

Location ☒

Ap. ☐

After ☐

Bar. Completed & shown or

operations suspended ☐

Pin ☐

Map ☐

Affidavit ☐

& P ☐

Water Situation ☐

Gas-Oil Ratio Test ☐

Well Log Filed ☒

See MEM #2 file for letter
requesting that this well be
plugged

Call Bush

replied on 8/1/64

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS:

* Transcontinental Oil Corp. is going to rework this well. Notice to Rework 7-19-60
 X9-26-60 WOR - Suspended indefinitely

DATE FILED 3-20-58

* 7-19-60

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. SL 064948-C

INDIAN

DRILLING APPROVED:

3-20-58

* 7-19-60

SPUDDED IN:

3-20-58

* 7-5-60

COMPLETED:

7-2-58

* 7-30-60

INITIAL PRODUCTION:

GRAVITY A. P. I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

8005'

* 7900'

WELL ELEVATION:

4196.1 DR

DATE ABANDONED:

7-4-58

X9-26-60

FIELD OR DISTRICT:

~~Gane Creek~~

3/86 Wildcat

COUNTY:

Grand

WELL NO.

FEDERAL 1-X

1/24000 Luff

API 43-019-11303

LOCATION:

1980

FT. FROM (S) LINE,

610

FT. FROM (E) LINE,

NE 1/4

SE 1/4

QUARTER - QUARTER SEC. 36

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

58
26 S

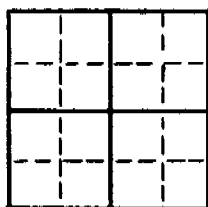
20 E

36

Transcontinental Oil Corp.
TEXAS GULF PRODUCING CO

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
 State☐
 Lease No.
 Public Domain☒
 Lease No. **SL 064948 C**
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....
Notice of Intention to Abandon Well.....	<input type="checkbox"/>	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 17, 19 58

Well No. **Federal 1-X** is located **1980** ft. from ~~XXX~~**S** line and **610** ft. from ~~XXX~~**E** line of Sec. **36**

NE $\frac{1}{4}$ of the **SE $\frac{1}{4}$**
($\frac{1}{4}$ Sec. and Sec. No.)

26S

(Twp.)

20E

(Range)

S. L. M.

(Meridian)

Wildcat

(Field)

Grand

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is **4196.1** feet.

A drilling and plugging bond has been filed with **State**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Drill 24" hole to 50', set 20" 104.0# casing from 0' to 50', cement to surface. Drill 17 $\frac{1}{2}$ " hole to 1835', set 13-3/8" 54.5# casing from 0' to 1835', cement to surface. Drill 12 $\frac{1}{2}$ " hole to 3800', set 10-3/4" 40.5# casing from 1800' to 3800', cement from 3800' to 1800'. Drill 9-5/8" hole to 7000', set 7-5/8" 26# J55 N80 casing, cement. Drill 6 $\frac{1}{2}$ " hole to 9500', set 5 $\frac{1}{2}$ " 15# J55 casing from 7000' to 9500' and cement.

This is to be a Mississippian test however will core and test any and all zones above the 9500' depth that may appear to be productive.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company **Texas Gulf Producing Company**

Address **Post Office Box 66**

Moab, Utah

By *E. Reynolds*

Title **Field Supervisor**

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

March 20, 1958

Texas Gulf Producing Company
P. O. Box 66
Moab, Utah

Attention: Field Supervisor

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Federal 1-X, which is to be located 1980 feet from the south line and 610 feet from the east line of Section 36, Township 26 South, Range 20 East, SEEM, Grand County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

However, said approval is conditional upon a map or plat being filed in accordance with Rule C-4(a), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil & Gas Conservation Commission, and provided Well No. Federal 1, located 1980 feet from the south line and 660 feet from the east line of Section 36, Township 26 South, Range 20 East, is properly plugged and abandoned before commencing operations on Well No. Federal 1-X.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn

cc: Don Russell
USGS, Federal Bldg.
Salt Lake City, Utah

TEXAS GULF PRODUCING COMPANY

BANK OF THE SOUTHWEST BUILDING

P. O. BOX 2199

HOUSTON 1, TEXAS

March 21, 1958

The State of Utah
Oil & Gas Conservation Commission
State Capitol
Salt Lake City 14, Utah

Attention: Mr. Cleon B. Feight, Secretary

Dear Mr. Feight:

Enclosed please find enclosed a photostat of the plat for our Federal No. 1 X well. This survey was done by us and not George H. Newell and was added to the plat that he furnished to us for our Federal No. 1 well.

The Texas Gulf Producing Company Federal No. 1 well has been properly plugged and abandoned as per our report to you and as per Federal and State regulations.

Yours very truly,

Texas Gulf Producing Company

Darrell Reardon

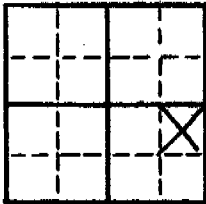
Darrell Reardon
Office Manager
Utah District

Encl:

MP #
3/24/58

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
State☐
Lease No.
Public Domain☒
Lease No. **SL 064948 C**
Indian☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....
Notice of Intention to Change Plans.....
Notice of Intention to Redrill or Repair.....
Notice of Intention to Pull or Alter Casing.....
Notice of Intention to Abandon Well.....

Subsequent Report of Water Shut-off.....
Subsequent Report of Altering Casing.....
Subsequent Report of Redrilling or Repair.....
Supplementary Well History.....

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. **Federal 1-X** is located **1980** ft. from **NE 1/4** line and **610** ft. from **E 1/2** line of Sec. **36**
NE 1/4 of SE 1/4 **26S** **20E** **S. 1. M.**
(1/4 Sec. and Sur. No.) (Twp.) (Range) (Meridian)
Wildcat **Grand** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4196.7** feet.

A drilling and plugging bond has been filed with **State**.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Drilled 24" hole to 33' below Kelly Bushing and ran 20' of 20" casing. The type and weight of the casing are not known as it was on the lease with no markings. Cemented casing with 50 sacks Ideal regular cement. Waited on cement 20 hours before drilling out.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company **Texas Gulf Producing Company**
Address **Post Office Box 66** By **[Signature]**
Moab, Utah Title **Field Supervisor**

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

(SUBMIT IN DUPLICATE)

LAND:

		X

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
 State☐
 Lease No.
 Public Domain☐
 Lease No. **SL 064948 C**
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

4-28

Notice of Intention to Drill.....	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	Subsequent Report of Altering Casing.....	X
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	
Notice of Intention to Abandon Well.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 21, 1958

Federal
 Well No. **1-X** is located **1980** ft. from **NE 1/4** line and **610** ft. from **E 1/4** line of Sec. **36**
NE 1/4 of SE 1/4 **26S** **20E** **S. L. M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Grand** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4196.7** feet.

A drilling and plugging bond has been filed with **State**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Ran 1848.54 ft. of 13-3/8 inch 54.50 lb. J55 casing. Landed at 1837 ft and cemented with 275 sacks of Ideal regular cement at the bottom and 125 sacks from 82 ft. to top of hole. Tested with 800 P.S.I. for 30 min. with no decrease in pressure. Let cement stand for 36 hrs. before drilling out.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company **Texas Gulf Producing Company**

Address **Post Office Box 66**

Moab, Utah

By *E. Reynolds*

Title **Field Supervisor**

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

(SUBMIT IN DUPLICATE)

LAND:

		X

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
 State☐
 Lease No.
 Public Domain☐
 Lease No. **SL 064948 C**
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	Subsequent Report of Altering Casing.....	X
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	
Notice of Intention to Abandon Well.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 6, 1958

Federal
 Well No. **1-X** is located **1989** ft. from **SW** line and **610** ft. from **E** line of Sec. **36**
NE 1/4 of SE 1/4 **26S** **20E** **S. L. M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Cane Creek** **Grand** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4196.7** feet.

A drilling and plugging bond has been filed with **State**.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Ran 1977.73 ft. of 10-3/4 inch O. D. 40.50 lb. J-55 (44 joints) casing. Set at 3700 ft., top of liner hanger at 1722.27 ft. Cemented with 625 sacks of Salt Saturated cement and 100 sacks neat cement, displaced at 7:00 A.M. May 5, 1958. Reversed out approximately 200 sacks cement. Tested both top and bottom with 800 P. S. I. for 30 minutes and had no decrease in pressure.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company **Texas Gulf Producing Company**

Address **Post Office Box 66**

Moab, Utah

By **J. M. Simpson**

Title **Petroleum Engineer**

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Initial Closed In Time		Minutes	5-11-58	
Tool Open Flow Period		183 Minutes	Ticket No. 184196	
Final Closed In Time		30 Minutes	HOWCO DISTRICT Price	
Depth Top Gauge - Ft.		Blanked Off NO	Kind of Job Open Hole	
BT. P.R.D. No 674		12 Hr. Clock	CONTRACTOR EXPLORATION DRILLING COMPANY	
Pressure Readings Field		Office Corrected	HOLE & TOOL DATA	
Initial Hydro Mud Pressure -		2739	Elevation - Top Packer Depth 4513'	
Initial Closed in Pres. -		2164	Total Depth 4584' Bottom Packer Depth 4520'	
Initial Flow Pres. -		526	Casing or Hole Size 9 7/8" Size & Type Well Packer 8" S.E. & W.P.	
Final Flow Pres. -		365	Liner or Borehole Size - Size Bottom Choke 5/8"	
Final Closed in Pres. -		394	Casing Perforations Top Bottom Size Surface Choke 1" x 1"	
Final Hydro Mud Pressure 2718		2718	Interval Tested 4520-4584' ID & Length Air Chamber 2 7/8" x 90'	
Depth Center Gauge 4579 Ft.		Blanked Off yes	Formation Tested - ID & Length Drill Collars 2 7/8" x 180'	
BT. P.R.D. No 3274		12 Hr. Clock	Est. Gauge Depth Temp. Calc. 110 F° Size Drill Pipe 1 1/2" API FH	
Pressure Readings Field		Office Corrected	MUD DATA Weight 12 Viscosity 45	
Initial Hydro Mud Pressure			No. Folders Reproduced 7	
Initial Closed in Pres.			REMARKS: Set packer, opened tool and took a	
Initial Flow Pres.			30 Minute Initial closed in pressure.	
Final Flow Pres.			Tool opened with a strong blow decre-	
Final Closed in Pres.			asing throughout test. Gas to the	
Final Hydro Mud Pressure			surface in 2 minutes.	
Depth Bottom Gauge - Ft.		Blanked Off	90' free oil Below TC	
BT. P.R.D. No		Hr. Clock	Valve 41.8° gravity	
Pressure Readings Field		Office Corrected		
Initial Hydro Mud Pressure				
Initial Closed in Pres.			Recovered 810 Feet of oil and gas cut and	
Initial Flow Pres.			Recovered Feet of	
Final Flow Pres.			Recovered Feet of	
Final Closed in Pres.			Recovered Feet of	
Final Hydro Mud Pressure			J. Simpson	
Amount-Type of Cushion			Witnessed By	
			Tester L.R. May	

Company **TEXAS GULF PRODUCTION COMPANY** Date **5-11-58**

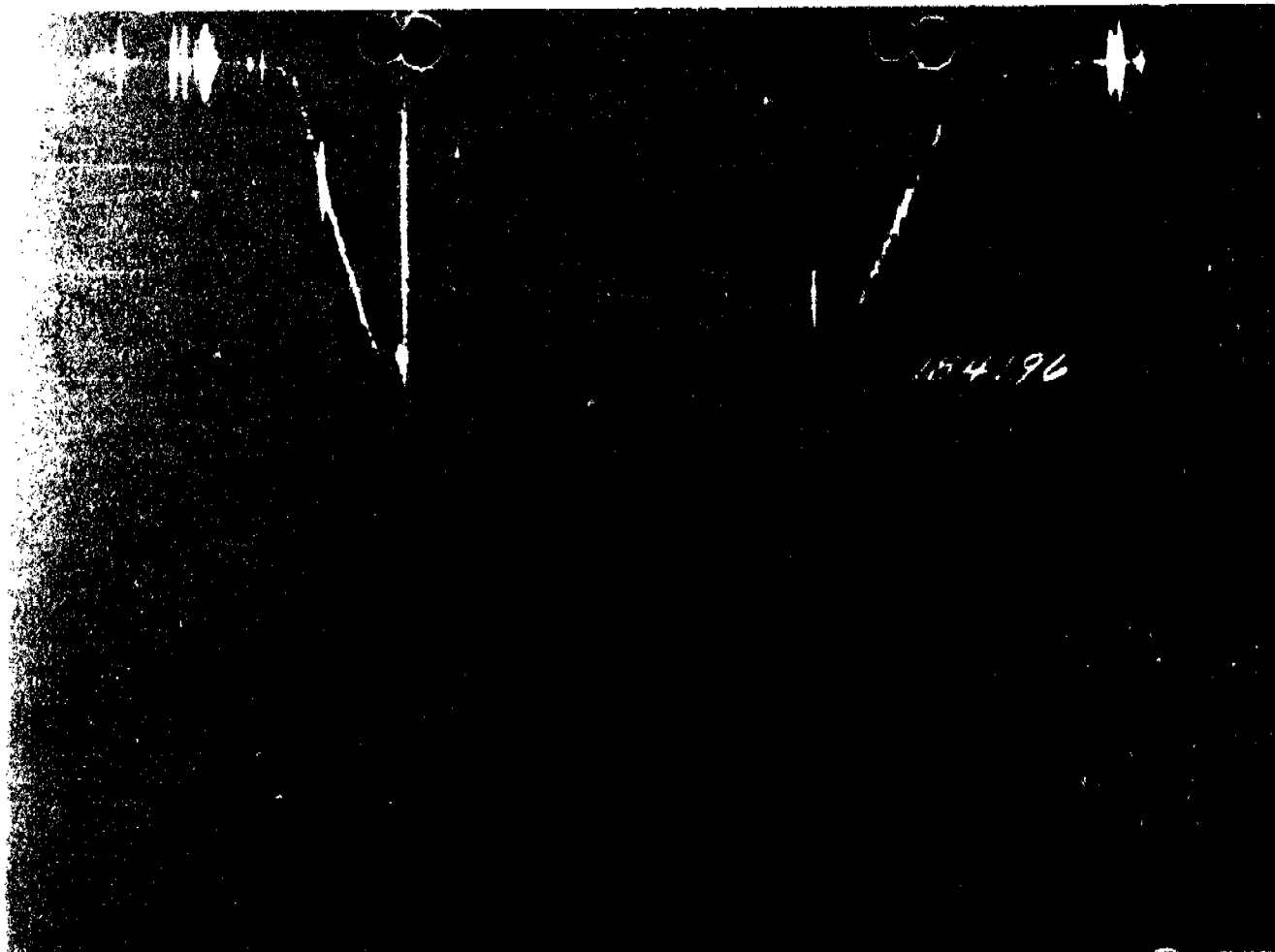
Lease **FEDERAL** Well No. **1x** Test No. **2** Ticket No. **184196**

	Time	PSI
Initial Hydro Mud Pressure		2739
Initial Closed In Pressure	30 Minutes	2164
Initial Flow		526
Final Flow	183 Minutes	365
Final Closed In Pressure	30 Minutes	394
Final Hydro Mud Pressure		2718

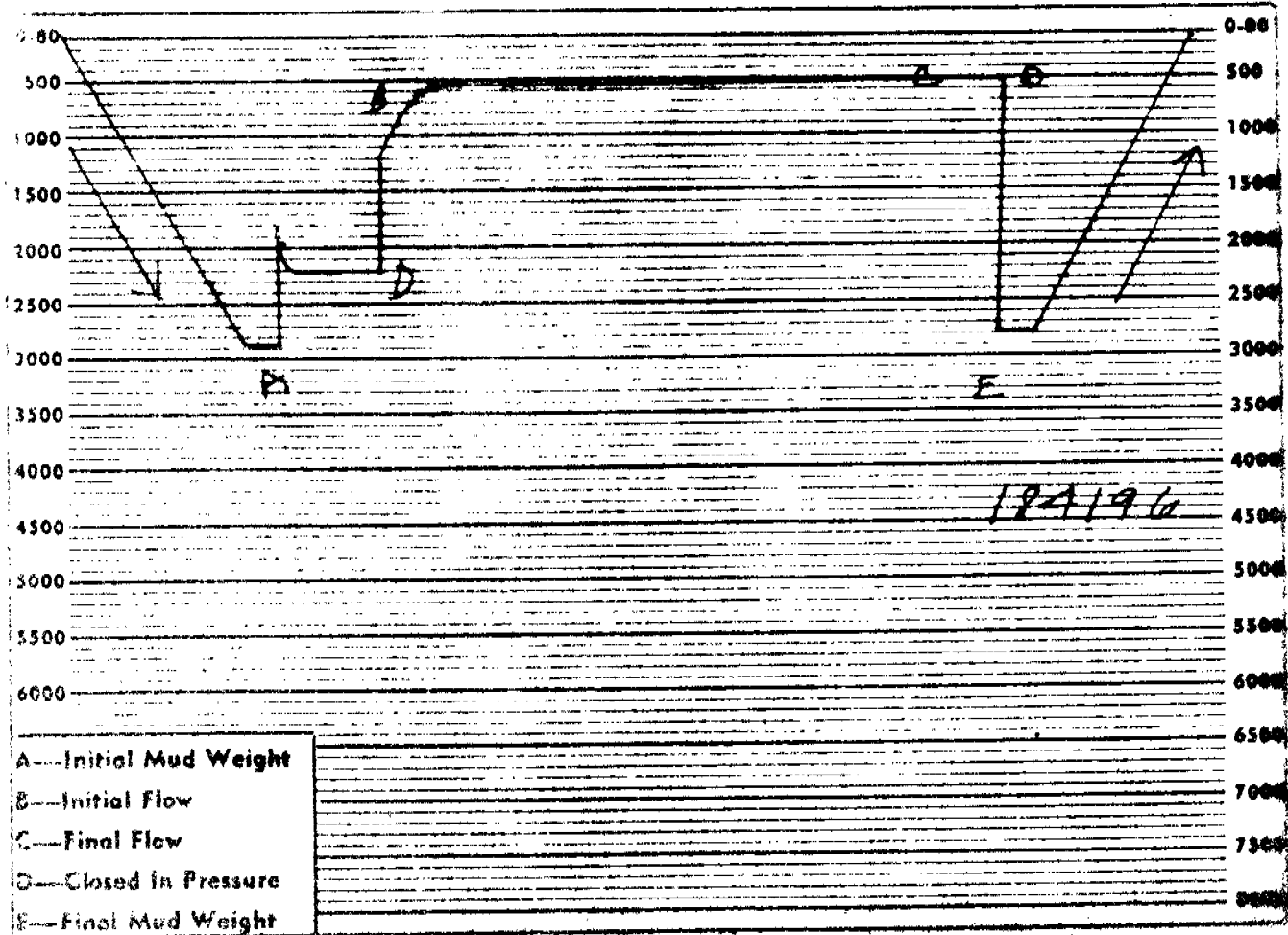
Total Depth **4584'**
 Packer Depth **4513-4520'**
 BT No. **674** Depth **-**
 12 Hr. Clock No. **2220**
 Temperature Corrected to **Calc. 110**

	Initial CIP		Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
P0	.000	297				
P1	.0195	2076				
P2	.039	2102				
P3	.0585	2114				
P4	.078	2123				
P5	.0975	2133				
P6	.117	2135				
P7	.1365	2140				
P8	.156	2145				
P9	.1755	2147				
P10	.195	2164				
	3	Minute Intervals	Minute Intervals		Minute Intervals	

Remarks:

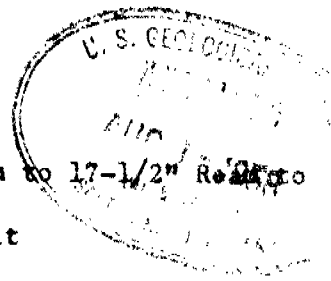


← TIME →



TEXAS GULF PRODUCING COMPANY

DRILLING RECORD FEDERAL NO. 1-X WELL



March 19 Drill Rat Hole

- 20 Spudded 4:30 A.M. Drill 0 to 38' w/ 12-1/4" bit Ream to 17-1/2" Reamed to 24" Cemented 20" casing w/50 sacks.
- 21 W.O.C. Drilled plug. Drilled 38' to 75' w/9-7/8" bit
- 22 Drilled 75' to 282' w/9-7/8" bit no circulation
- 23 Drilled 282' to 938' w/9-7/8" bit no circulation
- 24 Drilled 938' to 1250' w/9-7/8" bit no circulation. 2-1/4 deg. at 1217'
- 25 Drilled 1250' to 1526' w/9-7/8" bit no circulation. 3-3/4 deg. at 1470'
- 26 Drilled 1526' to 1678' w/9-7/8" bit no circulation. 4 deg. at 1655'
- 27 Drilled 1678' to 1722' w/9-7/8" bit no circulation. 3-1/2 deg. at 1682'
- 28 Drilled 1722' to 1835' w/9-7/8" bit no circulation. 3-1/2 deg. at 1825'
- 29 Ran Logs. Reamed 0 to 262' w/13-3/4" reamer no circulation.
- 30 Reamed 262 to 603' w/13-3/4" reamer no circulation.

April

- 31 Reamed 603' to 1005' w/13-3/4" reamer no circulation. 3 twist offs.
- 1 Reamed 1005' to 1230' w/13-3/4" reamer no circulation
- 2 Reamed 1230' to 1488' w/13-3/4" reamer no circulation. 1 twist off.
- 3 Reamed 1488' to 1579' w/13-3/4" reamer no circulation. 2 twist offs.
- 4 Reamed 1579' to 1652' w/13-3/4" reamer no circulation. Fishing for junk.
- 5 Reamed 1652' to 1826' w/13-3/4" reamer no circulation. 1 twist off.
- 6 Reamed 1826' to 1830' w/13-3/4" reamer no circulation. Reamed 0 to 144' w/17-1/4" reamer no circulation.
- 7 Reamed 144' to 262' w/17-1/4" reamer no circulation. 2 twist offs.
- 8 Reamed 262' to 616' w/17-1/4" reamer no circulation.
- 9 Reamed 616' to 838' w/17-1/4" reamer no circulation.
- 10 Reamed 838' to 1092' w/17-1/4" reamer no circulation.
- 11 Reamed 1092' to 1224' w/17-1/4" reamer no circulation.
- 12 Reamed 1224' to 1310' w/17-1/4" reamer no circulation. 1 twist off.
- 13 Reamed 1310' to 1417' w/17-1/4" reamer no circulation.
- 14 Reamed 1417' to 1541' w/17-1/4" reamer no circulation.
- 15 Reamed 1541' to 1668' w/17-1/4" reamer no circulation.
- 16 Reamed 1668' to 1745' w/17-1/4" reamer no circulation. 1 twist off.
- 17 Reamed 1745' to 1818' w/17-1/4" reamer no circulation.
- 18 Reamed 1818' to 1838' w/17-1/4" reamer no circulation. Ran 13-3/8" casing cemented w/250 sacks at bottom and 125 sacks surface to 80'. Plug down 2:15 P.M.
- 19 W.O.C.
- 20 Drilled plug at 3:30 A.M. w/Brine water. Drilled 1837' to 1865' w/12 1/4" bit.
- 21 Drilled 1865' to 1960' w/12 1/4" Bit. Fishing for junk.
- 22 Drilled 1960' to 2104' w/12 1/4" bit.
- 23 Drilled 2104' to 2316' w/12 1/4" bit.
- 24 Drilled 2316' to 2440' w/12 1/4" bit.
- 25 Cored 2440' to 2475' full recovery (Delhi-Taylor) Drilled 2475' to 2622' w/12 1/4" bit.
- 26 Drilled 2622' to 2680' w/12 1/4" bit.
- 27 Drilled 2680' to 2908' w/12 1/4" bit.
- 28 Drilled 2908' to 3142' w/12 1/4" bit.
- 29 Drilled 3142' to 3260' w/12 1/4" bit.
- 30 Cored 3260' to 3312' full recovery (Delhi-Taylor) Drilled 3312' to 3425' w/12 1/4" bit.

Continued

DRILLING RECORD continued (page 2)

- May
- 1 Drilled 3424' to 3489' w/12 $\frac{1}{4}$ " bit.
 - 2 Drilled 3489' to 3557' w/12 $\frac{1}{4}$ " bit. Ran D.S.T. 3419' to 3489' 1 hr. Weak blow recovered 25' slightly gas cut mud. Initial S.I.P. 95 P.S.I. Final S.I.P. 70 P.S.I. Initial F.P. 45 P.S.I. Final F.P. 45 P.S.I.
 - 3 Drilled 3557' to 3700' w/12 $\frac{1}{4}$ " bit. Logging.
 - 4 Logging. Ran 44 joints (1977.73') 10-3/4" O.D. 40.5# J-55 casing. Set at 3700' top of liner at 1722.27' cemented w/625 sacks salt saturated cement and 100 sacks neat cement. Displaced at 7:00 A.M. reversed out approximately 200 sacks.
 - 5 W.O.C.
 - 6 Drilled plug at 7:00 A.M. Drilled 3700' to 3790' w/9-7/8" bit.
 - 7 Drilled 3790' to 4000' w/9-7/8" bit. 1 $\frac{1}{2}$ deg. at 3873'.
 - 8 Drilled 4000' to 4096' w/9-7/8" bit. Twisted off kelly.
 - 9 Drilled 4096' to 4421' w/9-7/8" bit. 2 deg. at 4390'.
 - 10 Drilled 4421' to 4584' w/9-7/8" bit. 2 deg. at 4584'.
 - 11 D.S.T. #2 4520' to 4584' open 3 hrs. good to weak blow. Recovered 870' oil and oil emulsion. Initial S.I.P. 2145 P.S.I. Final S.I.P. 390 P.S.I. Initial F.P. 340 P.S.I. Final F.P. 390 PSI. Drilled 4584' to 4808' w/9-7/8" bit. *Rec'd 90' free oil below TC valve 41.8° gravity*
 - 12 Drilled 4808' to 5259' w/9-7/8" bit. Mud 11.6# to 11.4#
 - 13 Drilled 5259' to 5642' w/9-7/8" bit. Mud 11.6# to 11.7# 1 $\frac{1}{2}$ deg at 5490'.
 - 14 Drilled 5642' to 6055' w/9-7/8" bit. Mud 11.5# to 11.8#.
 - 15 Drilled 6055' to 6260' w/9-7/8" bit. Mud 11.3# to 11.4# 2 deg at 6169'.
 - 16 Drilled 6260' to 6550' w/9-7/8" bit. Mud 10.4# to 11.5# 5 deg at 6550'.
 - 17 Cored 6550' to 6600' (No. 3) Recovered 25' Shale and anhydrite. Reamed and drilled 6600' to 6601' w/9-7/8" bit Mud 10.4# to 10.5#.
 - 18 Cored 6601' to 6618' (No. 4) Recovered 12'. Ran D.S.T. No. 3. 6495' to 6618'
 - 19 Open 1 $\frac{1}{2}$ hrs. Recovered 60' mud. weak blow. Initial S.I.P. 300 P.S.I. Final S.I.P. not taken. Initial F. P. 280 P.S.I. Final F.P. 320 P.S.I. Mud 9.5# to 9.7#. Drilled 6618' to 6644' w/9-7/8" bit.
 - 20 Drilled 6644' to 6669' w/9-7/8" bit. Ran D.S.T. No. 4 6610' to 6669' Open 1 hr. fair blow recovered 70' mud. Initial S.I.P. 30 P.S.I. Final S.I.P. 100 P.S.I. Initial F.P. 70 P.S.I. Final F.P. 100 P.S.I.
 - 21 Drilled 6669' to 6682' w/9-7/8" bit. Cored 6682' to 6703' (No. 5)
 - 22 Cored 6703' to 6721' (No. 5) Recovered 38' salt. Drilled 6721' to 6723' w/9-7/8" bit.
 - 23 Drilled 6723' to 6810' w/9-7/8" bit. Cored 6810' to 6814' (No. 6)
 - 24 Cored 6814' to 6840' (No. 6) Recovered 30' Salt. Drilled 6840' to 6910' w/ 9-7/8" bit.
 - 25 Drilled 6910' to 7040' w/9-7/8" bit. Base of salt 7010'.
 - 26 Drilled 7040' to 7090' w/9-7/8" bit. 4 $\frac{1}{2}$ deg at 7090'
 - 27 Drilled 7090' to 7134' w/9-7/8" bit. Mud 9.7# to 9.8# 4 deg. at 7134'.
 - 28 Drilled 7134' to 7193' w/9-7/8" bit. Molas 7174' Mud 10# to 10.2#.
 - 29 Drilled 7193' to 7254' w/9-7/8" bit. Mud 10# to 10.2#.
 - 30 Drilled 7254' to 7286' w/9-7/8" bit. Mud 10# to 10.1#.
 - 31 Logged hole. Cored 7286' to 7289' (No. 7)

Continued;

- June
- 1 Cored 7289' to 7309' (No 7) Mud. 9.4# to 10.1#.
 - 2 Cored 7309' to 7341' (No. 7) full recovery. Mud 10#.
 - 3 Cored 7341' to 7354' (NO. 8)
 - 4 Lost circulation pulled core full recovery. Mixed mud and reamed.
 - 5 Reamed to 7354' Mixed mud and lost circulation material. Drilled 7354' to 7370' w/9-7/8" bit.
 - 6 Mixed mud and lost circulation material.
 - 7 Mixed mud and lost circulation material.
 - 8 Cemented lost circulation zone.
 - 9 Drilled cement. Lost circulation. Ran log.
 - 10 Ran 2404.23' of 7-5/8" O.D. 26.40# N-80 and 4981.04' of 26.40# J-55 casing (total 7395.27') landed at 7370' cemented w/150 sacks 50-50 Posmix w/4% Gel and 25 sacks neat cement. Plug down 10:00 P.M.
 - 11 W.O.C. and mixing mud.
 - 12 Drill cement. Changed mud (Gel and Feathers).
 - 13 Drilled to 7404' w/6-3/4" bit. Mixed 2 pits mud. Bottom of shoe 7376'.
 - 14 Set Baker Cement Retainer at 7260' and HOWCO Stage tool at 7280' Attempted to pump into formation at 4000 P.S.I. Drilled out to 7404'.
 - 15 Repair rig.
 - 16 Repair rig.
 - 17 Cored 7404' to 7433' (No. 9)
 - 18 Cored 7433' to 7463' (NO. 9) no recovery. Cored 7463' to 7496' (No. 10)
 - 19 Pulled core no. 10 recovered 38'. Cored 7496' to 7556' (No. 11)
 - 20 Pulled core No. 11 recovered 32'. Drilled 7556' to 7680' w/6-3/4" bit. lost 6' mud at 7636'.
 - 21 Drilled 7680' to 7788' w/6-3/4" bit. Mud 8.9#.
 - 22 Drilled 7788' to 7790' w/6-3/4" bit. Broke drum shaft. W.O. parts.
 - 23 Working on rig.
 - 24 Working on rig.
 - 25 Working on rig.
 - 26 Drilled 7790' to 7845' w/6-3/4" bit.
 - 27 Drilled 7845' to 7950' w/6-3/4" bit. Mud 8.9# to 9.0#.
 - 28 Drilled 7950' to 7986' w/6-3/4" bit.
 - 29 Drilled 7986' to 8005' w/6-3/4" bit. (Total Depth)
 - 30 Running Logs.
- July
- 1 Running Logs.
 - 2 Plugging and pulling pipe.
 - 3 Pulling pipe and plugging.

COOK TESTING CO.

Test Ticket # 6878

ENGINEERED FORMATION TESTING

Customer's Order No. _____

Customer's Contract No. _____

DATE May 19, 1958

COMPANY Texas Gulf Production Company Test Approved By: J. M. Simpson

DIVISION _____

DISTRICT Cortez

WELL & LEASE No. Federal 1-X

FIELD Wild Cat COUNTY Grand STATE Utah

MAIL INVOICE TO P. O. Box 66, Moab, Utah

MAIL CHARTS TO Same 8 COPIES

FORMATION TEST

Test No. 3 Series _____ Original Ticket No. _____ (O.K.) (Misrun)

Total Depth 6618' Zone Tested 6495' To 6618'

Anchor Length 123' - 37' perf Size 4-3/4" Packer Set 6495'

Packer Type Bob Tail Two Packer Size 8"

Tool Size 4-3/4" Tool Joint Size 4-1/2" F.H. Main Hole 9-7/8" Rat Hole 6-5/8"

Time Packer Set 4:05 A M. Packer Set For 1 Hrs. 30 Mins.

Time Tool Open 4:10 A M. Tool Open For 1 Hrs. 30 Mins.

Initial Shut In 0 Hrs. 30 Mins. Final Shut In 0 Hrs. 0 Mins.

CASING TEST Lap Test () Shoot & Test () Jet () Bullets () No. of Shots _____

Test No. _____ Series _____ Original Ticket No. _____ (O.K.) (Misrun)

Perforations _____ To _____ Total Depth _____

Anchor Length _____ Size _____ Packer Set _____

Packer Type _____ Packer Size _____

Tool Size _____ Tool Joint Size _____ Casing Size _____ Liner _____

Time Packer Set _____ M. Packer Set For _____ Hrs. _____ Mins.

Time Tool Open _____ M. Tool Open For _____ Hrs. _____ Mins.

Initial Shut In _____ Hrs. _____ Mins. Final Shut In _____ Hrs. _____ Mins.

RECORDERS:

Type AK-1 Amerada-Kuster Capacity 4500 lbs. No. 882

Top Recorder Depth 6583' Clock No. 4615

Type AK-1 Amerada-Kuster Capacity 6000 lbs. No. 893

Bottom Recorder Depth 6590' Clock No. 4618

Straddle Recorder Depth _____ Clock No. _____

Type _____ Capacity _____ No. _____

Type _____ Capacity _____ No. _____

Max. Temp. 112° Jar Size 4-1/2 Type Shaffer Safety Joint None

Mud Type Starch-gel Weight 10.1 Viscosity 58 Fluid Cushion No N₂ Cushion No p.s.i.

Circulating Tool Sleeve Tool Plug: (Yes) (No) Packer Hold: (Yes) (Yes)

Recovered 60' drlg mud.

Blow Weak blow thru out test.

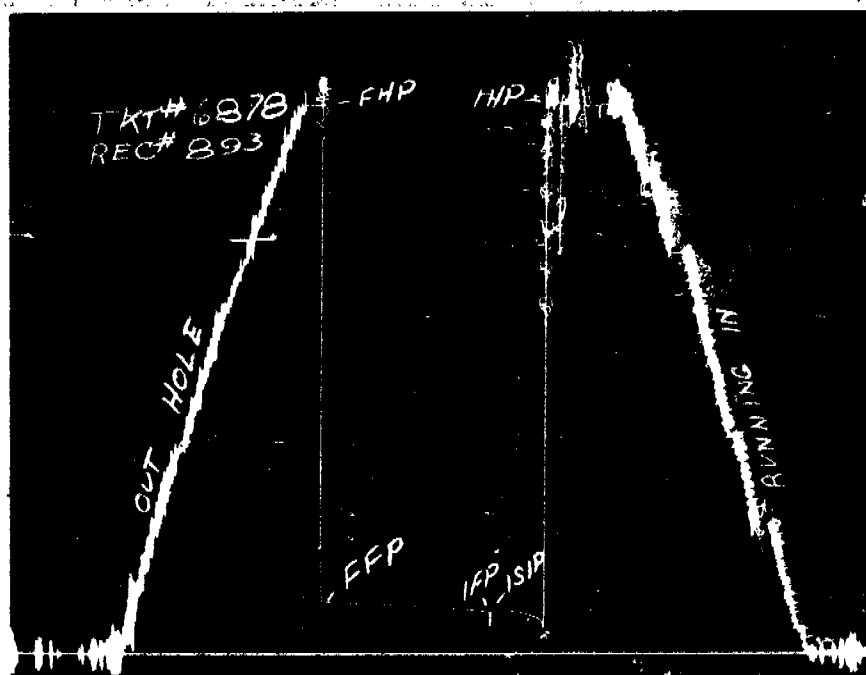
Remarks: _____

Operator's Time 12 hrs. Tool Rental Time _____ No. Rubbers Damaged _____

Operator Leo Earls

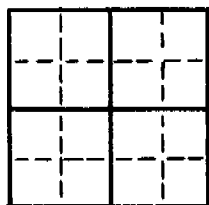
COOK TESTING CO. SHALL NOT BE LIABLE, DIRECTLY OR INDIRECTLY FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS BEING MADE OR FOR ANY LOSS SUFFERED OR SUB-

TITLE Deflection in .000 inches		RECORDER NO. 893	RECORDER NO.	RECORDER NO.
IHP (Initial Hydrostatic Pressure)	2.166	3590 P.S.I.	P.S.I.	P.S.I.
ISIP (Initial Shut-In Pressure)	0.181	300 P.S.I.	P.S.I.	P.S.I.
IFP (Initial Flow Pressure)	0.167	280 P.S.I.	P.S.I.	P.S.I.
FFP (Final Flow Pressure)	0.205	320 P.S.I.	P.S.I.	P.S.I.
FSIP (Final Shut-In Pressure)		P.S.I.	P.S.I.	P.S.I.
FHP (Final Hydrostatic Pressure)	2.160	3580 P.S.I.	P.S.I.	P.S.I.



(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
 State☐
 Lease No.
 Public Domain☒
 Lease No. **SL 064948 C**
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History.....
--	--

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 17, 19 58

Federal

Well No. 1 is located 1980 ft. from ~~KNY~~ line and 610 ft. from ~~KNY~~ line of Sec. 36

NE 1/4 OF SE 1/4 26S 20E S.L.M.

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Grand Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4196.7 feet.

A drilling and plugging bond has been filed with State

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Ran 7364.07 ft. of 7-5/8 in. 26.40 lb. casing, bottom at 7371 ft.
 Cemented with 150 sacks of fifty-fifty Pozmix, four per-cent Gel
 with 8 lbs. Flocele added per sack and 25 sacks neat cement. Tested
 with 800 P.S.I. for 30 min. with no decrease in pressure.

79 joints N-80 E.T. & C. 2404.23 ft.
164 joints J-55 S.T. & C. 4959.84 ft.
 283 7364.07

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Texas Gulf Producing Company

Address Post Office Box 66

Moab, Utah

By

J. M. Simpson

Title

Petroleum Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

1-6 58

TEXAS GULF PRODUCING COMPANY

XXXXXXXXXXXXXXXXXXXX

XXXXXXXXXXXXXXXXXXXX

P. O. Box 732
Salt Lake City 10, Utah

July 30, 1958

71-14
8-11-58

Mr. Charles Hauptman
Oil & Gas Conservation Commission
State Capitol Building
Salt Lake City 14, Utah

Dear Sir:

Enclosed are two copies of Form OGCC-3 of Texas
Gulf Producing Company No. 1-X for your file.

Yours very truly,

TEXAS GULF PRODUCING COMPANY


Audley W. Downs

AWD/ds
Encls.

ROTARY ENGINEERING COMPANY
WELL LOGGING SERVICE
701 SOUTH PECOS - DIAL MU 4-6231
MIDLAND, TEXAS

August 12, 1958

Texas Gulf Producing Company
P. O. Box 732
Salt Lake City, Utah

Attention: Mr. Audley W. Downs

Gentlemen:

We are forwarding 12 prints of the composite log on your Federal 1-X well in Grand County, Utah. The section logged was from 1836' to 8004'.

A description of the data shown on this log is given on the attached sheet.

In reviewing the results of our log we feel that all pertinent data contained is self-explanatory. If we can be of further assistance in the interpretation of this log please advise and we shall be glad to call on you at your convenience.

We wish to thank you and your personnel for the consideration and cooperation shown us in securing the information on this well.

Yours very truly,

ROTARY ENGINEERING COMPANY



H. C. Burks
Manager
Rocky Mountain Division

bhs
Enclosure

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
State☐
Lease No.
Public Domain☒
Lease No. **SL 064948 C**
Indian☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	Subsequent Report of Water Shut-off.....	X
Notice of Intention to Change Plans.....	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 15 19 58

Federal
Well No. 1 - X is located 1980 ft. from ~~XXX~~
{S} line and 610 ft. from ~~(E)~~
{W} line of Sec. 36
NE $\frac{1}{4}$ of SE $\frac{1}{4}$ 26S 20E S.L.M.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4196.1 feet.

A drilling and plugging bond has been filed with State

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Pulled 6593 feet of 7-5/8 inch 26.40 pound casing and
Plugged hole as follows;
Plugged with 25 sacks cement from 7740' to 7850'
Plugged with 25 sacks cement from 7298' to 7400'
Plugged with 25 sacks cement from 6565' to 6615'
Plugged with 50 sacks cement from 4480' to 4580'
Plugged with 25 sacks cement from 3663' to 3711'
Plugged with 25 sacks cement from 1696' to 1731'
Installed location and well marker in accordance with
State and Federal regulations.

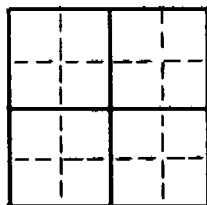
I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company.....**Texas Gulf Producing Company**.....
Address.....**Post Office Box 66**.....
.....**Moab, Utah**.....
By *J. M. Simpson*
Title **Petroleum Engineer**

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
 State☐
 Lease No.
 Public Domain☒
 Lease No. SL 064948 C
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....		Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input checked="" type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 15, 19 58

Well No. Federal 1 - X is located 1980 ft. from NS line and 610 ft. from E line of Sec. 36

NE 1/4 of SE 1/4 26S 20E S. 1st M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4196.1 feet.

A drilling and plugging bond has been filed with State

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Due to failure to find a commercial producing zone propose to plug and abandon Federal N. 1 - X well after pulling 7-5/8 Inch casing. Will plug and install appropriate marker in accordance with State and Federal specifications.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Texas Gulf Producing Company

Address Post Office Box 66

Mosby, Utah

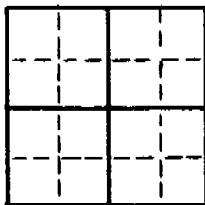
By J. M. Simpson

Title Petroleum Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
 State☐
 Lease No.
 Public Domain☒
 Lease No. **SL 064948 C**
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History..... Subsequent report of Abandonment..... X
---	---

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 15....., 19 58

Federal No. 1

Well No. 1 ~~XXXX~~ is located 1980 ft. from ~~XXX~~ line and 660 ft. from ~~XXX~~ line of Sec. 36

NE $\frac{1}{4}$ of SE $\frac{1}{4}$
($\frac{1}{4}$ Sec. and Sec. No.)

26S
(Twp.)

20E
(Range)

S. L. M.
(Meridian)

Wildcat
(Field)

Grand
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4196.1 feet.

A drilling and plugging bond has been filed with State

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Abandond and plugged well as follows;
 Plugged on top of tools with 25 sacks from 1700' to 1730'
 Plugged with 56 sacks cement from 1350' to 1400'
 Plugged with 100 sacks cement from 154' to 200'
 Plugged with 19 sacks cement from 0' to 15'
 Installed location and well marker as per regulations

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company..... **Texas Gulf Producing Company**

Address..... **Post Office Box 66**

Moab, Utah

By.....

Title.....

J. M. Simpson
Petroleum Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

TEXAS GULF PRODUCING COMPANY

~~XX~~

~~XX~~

P. O. Box 732
Salt Lake City 10, Utah

August 18, 1958

Mr. Charles Hauptman
Oil and Gas Conservation Commission
State Capitol Building
Salt Lake City 14, Utah

Dear Sir:

Enclosed is a copy of the Rotary Hydrocarbon log
of Texas Gulf Producing Company's Federal #1-X, Grand County,
Utah. This is the final log of this well.

This well is still considered confidential.

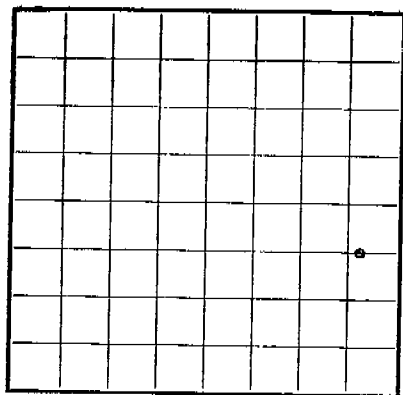
Yours very truly,

TEXAS GULF PRODUCING COMPANY

Audley W. Downs
Audley W. Downs

AWD/ds
Encl.

*Rec'd
8-19-58
Release 12-14-68*



LOCATE WELL CORRECTLY

STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

State Capitol Building
Salt Lake City 14, Utah

To be kept Confidential until 4 months
(Not to exceed 4 months after filing date)

7-14
8-11-58

LOG OF OIL OR GAS WELL

Operating Company Texas Gulf Producing Co. Address Box 732 Salt Lake City 10, Utah
Lease or Tract: SLO 64948-C Field Wildcat State Utah
Well No. 1-X Sec. 36 T. 26S R. 20E Meridian 109° 40' County Grand
Location 1980 ft. [N.] of S Line and 610 ft. [E.] of E Line of Section 36 Elevation 4196.1 KB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Audley W. Downs

Date August 30, 1958

Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling March 20, 1958 Finished drilling July 2, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4534' to 4580' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
20"				33'					
13-3/8"	54.5		J-55	1835'					
10-3/4"	40.5		J-55	3704'					
7-5/8"	26.4		J-55	7370'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	33	55 sks	Circulated		
13-3/8"	1835	400 "	"		
10-3/4"	3704	725 "	"		
7-5/8"	7370	175 "	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

FOLD MARK

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

....., 19..... Put to producing, 19.....

The production for the first 24 hours was barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Exploration Drilling Co., Driller, Driller

Tulsa, Okla., Driller, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1975'	1975'	Hermosa
1975'	7011'	5136'	Paradox Salt member
7011'	7190'	180'	Lower Hermosa
7190'	7290'	100'	Molas
7290'	7520'	230'	Leadville
7520'	7804'	284'	Madison
7804'	7915'	111'	Ouray
7915'	8005' T.D.	90'	Elbert

[OVER]

JUL 31 1958

JUL 31 1958

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

See attached Photostat for well history.

Plugs set at the following depths:

7850-7740	w/ 25	sks
7400-7298	w/ 25	sks
6615-6665	w/ 25	sks
4580-4480	w/ 50	sks
3711-3663	w/ 25	sks
1731-1696	w/ 25	sks

APR 31 1958

			X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. SL-064948F
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	X	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 24, 1960

Texas
Well No. Gulf 1X is located 1980 ft. from S line and 610 ft. from E line of sec. 36
NE SE 36 26S 20E
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cane Creek Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4196 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drill out cement plugs and deepen to approximately 8300 ft. to test the McCracken sandstone. Should production be obtained, it is proposed to run 5-1/2" 15.5# casing to total depth. In the event of abandonment, the cementing program will be cleared with your Area Engineer.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TRANSCONTINENTAL OIL CORPORATION
Address 3620 Blackburn Road
Calgary, Alberta
Canada
By Orville V. Burkinshaw
"Orville V. Burkinshaw"
Title President

Approved June 20, 1960
"D. F. Russell" District Engineer

TRANSCONTINENTAL OIL CORPORATION

3620 BLACKBURN ROAD
CALGARY, ALBERTA
CANADA
CH 3-1396

BOX 487
RANGELY, COLORADO
U.S.A.

July 15, 1960

Utah State Oil & Gas
Conservation Commission
Newhouse Building
Salt Lake City, Utah

Dear Sirs:

Pursuant to our telephone conversation
we enclose herewith a copy of the notice of intent
which was filed with the United States Department of
the Interior, Geological Survey, re the reworking of
Texas Gulf Federal No. 1X well, located on the NE SE
36-26S-20E 6th P.M.

Yours very truly,

TRANSCONTINENTAL OIL CORPORATION



Orville V. Burkinshaw
PRESIDENT

OVB/ah
Encl.

W

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5
Approval expires 12-31-60.
Salt Lake City
LAND OFFICE
LEASE NUMBER **SL-064948F**
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Cane Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1960, TRANSCONTINENTAL OIL CORPORATION

Agent's address 3620 Blackburn Road Company Transcontinental Oil Corp.
Calgary, Alberta, Canada Signed [Signature]

Phone _____ Agent's title President

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE¼ 36	26S	20E	Texas Gulf Producing Federal 1X		Nil	--	Nil	Nil	Nil	Drilling out plug to 3650 ft. com- menced on July 5, 1960, with view to deepening. Rig was inadequate and released July 10, 1960. A Unit 15 rig was schedu- led to move in immediately. Unavoidable diffi- culties arose which have since been remedied and the rig is on loca- tion as of this date. August 19, 1960.

NOTE.—There were - 0 - runs or sales of oil; - 0 - M cu. ft. of gas sold;

- 0 - runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

August 4, 1960

Mr. Don Russell
Area Engineer
United States Geological Survey
Federal Building
Salt Lake City, Utah

Dear Sir:

Re: Texas Gulf Producing Federal 1X
and M. G. M. No. 2 Wells
Grand County, Utah

During the month of July, 1960, the following work was conducted on the above wells.

On July 1st at 4 P.M., a truck mounted Franks rig was moved on location (Texas Gulf Producing Federal 1X), and following rigging up and the July 4th holiday, the drilling of plugs was commenced July 5, 1960. The surface plug was approximately 10 ft. thick of good cement, the second plug was encountered at 1800 ft., and was of good quality cement, approximately 20 ft. thick. The third plug was encountered at 3650 ft. and was good cement for the first 15 ft. with softer pockets below. We ceased drilling at this point, and may or may not be through the plug. Due to the fact that the well was cased with large casing, its capacity to 3700 ft. was approximately 440 barrels. This would require more pump capacity than this rig could provide, the deficiency of which would allow excess settling out and possibly sticking the bit.

Consequently you were contacted by telephone and gave verbal approval to my request to move this rig over to service M.G.M. No. 2 and move in a larger rig onto Texas Gulf 1X. I had tentative arrangements for a Unit 15 which I was assured was available and I had also obtained approval from my associates to make the change. This request was made in good faith, but some difficulties arose re trucking and with certain New York interests involved. This created some delay, but I am happy to report that it is now resolved and we are now prepared to go ahead immediately with the work.

The rework of M.G.M. No. 2 was commenced the evening of July 9th, when we thought we had unseated the packer only to find the following day, that the packer had both unseated and parted at the safety joint. The packer was milled up with a milling tool,

Mr. [REDACTED]
Page 1
August 1960

the tail pipe fished out and the hole circulated clean to bottom. A magnesium plug was set at approximately 3191 ft. in the 7" casing and the casing perforated on both sides of the 7" hangar which was at 3171 ft.

One hundred sacks of salt cement were squeezed away and the well shut in for 60 hours commencing Saturday night, July 16, 1960. On Monday afternoon, July 18, however, the annulus was found to have 540 psi of pressure and it was bled off during which time approximately 12 barrels of clean oil were produced. This was unexpected and we subsequently found the casing had a small leak somewhere above 2920 ft. which had caused two things; firstly, a flow back of approximately half the cement by allowing a fluid escape from the annulus and, secondly, a flow in of oil from what we believed were pockets trapped behind the pipe and freed when circulation was broken during the squeezing operation. The flow back also caused a "cementing in" of the tubing, necessitating a shoot off, wash over and fishing job. There was still a small flow of water through the casing leak and a feed rate was established with the view of squeezing again. With constant pressure of 2000 psi the feed rate was 30 gallons per minute reducing to 15 gallons per minute after 15 minutes pumping. Bleed off was slow reducing pressure to 1300 psi in 7 minutes and to 600 psi in 18 minutes.

Squeezing of such a small pin hole was impractical without extensive testing to locate the hole and reperforating. We then drilled out the magnesium plug, cleaned hole to bottom, reperforated the interval 6613 to 6639 with one shot per foot, using B. J. Service Stata Jet expendable gun. An R3 Halliburton production packer was then set at 6530 ft. approximately on 2" tubing and swabbing commenced July 28th. The following daily recoveries of oil have been made:

Swabbing	July 29, 1960	P.M. only	22 bbls. oil	no water
Swabbing	July 29, 1960	P.M. only	46 bbls. oil	no water
Swabbing	July 30, 1960	A.M. only	23 bbls. oil	8 bbls. water
Flowing	July 31, 1960	A.M. only	18 bbls. oil	50 bbls. water

believe tubing leaking

The swabbing unit was released on July 30, 1960, and an adjustable choke installed to hold pressure for a flow test. The morning of July 29, the tubing pressure was 340 psi and the fluid level was up to 2500 ft. from surface. July 30, the tubing pressure was 400 psi and July 31, it was 150 with the choke opened up to approximately 8/64 of an inch. Casing pressure 700 psi shut in.

We thank you for your co-operation, and progress on the Texas Gulf Producing Federal LX will be reported from time to time.

Yours very truly,

TRANSCONTINENTAL OIL CORPORATION

Orville V. Burkinshaw
PRESIDENT

1. Interval circulated for sample, bit record, bit number and deviation of hole.
2. Drilling rate plotted in minutes per foot or feet per hour as indicated on the heading. It will be noted that this is plotted so that on fast drilling the curve approaches the left margin of the log.
3. Depth and lithology (depth is superimposed on the lithology).
4. Two gas curves secured from the mud return stream are plotted from the left margin of "gas from mud" column with increasing values extending to the right. The dotted curve is obtained by analyzing the mud for all combustible gases. The dashed curve is obtained by burning the gas at a predetermined reduced temperature. This curve represents all combustible gases other than methane.
5. Leached residual oil units. This curve is obtained by applying solvent to the drill cuttings and evaluating by use of ultraviolet radiation the residual liquid hydrocarbons collected on the color reaction plates.
6. The percentage of sample showing oil fluorescence when viewed under ultraviolet radiation. All mineral fluorescence is excluded from this evaluation.
7. Two gas curves secured from the cuttings and shown in "gas from cuttings" column. The dotted curve is obtained by analyzing the cuttings for all combustible gases. The dashed curve is obtained by burning the gas at a predetermined reduced temperature. This curve represents all combustible gases other than methane.
8. Resistivity of the cuttings is run each two or four feet of sample.
9. Visual porosity column with type porosity shown under "remarks".
10. Drilling mud characteristics, description of sample and other pertinent remarks.
11. Oil analyses are run on each two or four feet of samples.
12. Gas analyses are run on each two or four feet of samples.
13. All cuttings and mud samples are corrected for up-the-hole lag time.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.5
Approval expires 12-31-60.

LAND OFFICE Salt Lake City
LEASE NUMBER SL-064948-C
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Cane Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1960, Transcontinental Oil

Agent's address 3620 Blackburn Road Company Corporation
Calgary, Alberta

Phone _____ Signed _____
Agent's title _____

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE 1/4 36	26 S	20 E	Texas Gulf Producing Federal 1X	--	--	--	--	--	--	Moved in Unit 15 drilling rig. Cleaned out hole to 6587' to top of 7-5/8" casing. Circulating out through very heavy mud, and the 13-3/8" part of casing string developed a bad leak. The com- pany's engineer thought the for- mation had broken down and no return were possible. Compressors were Moved in to drill with air but the well was found to be flowing a brackish water from approximately 1600'. It was decided to clean out to bottom and run casing.

NOTE.—There were - 0 - runs or sales of oil; - 0 - M cu. ft. of gas sold;

- 0 - runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5
Approval expires 12-31-60.
Salt Lake City
LAND OFFICE **SL-064948-C**
LEASE NUMBER _____
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Cane Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1960, Transcontinental Oil

Agent's address 3620 Blackburn Road Corporation
Calgary, Alberta, Canada Company Transcontinental Oil

Phone _____ Signed Emile V. Buskirk Agent's title Mgr.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE 1/4 36	26 S	20 E	Texas Gulf Producing -- Federal 1X			--	----	-----	----	Rig on location. Cleaned out to 7900'. Ran 7625' 5-1/2" casing. Trouble developed during cementing and casing parted dropping string 10' or 12' dog- legging casing at 6250'. Casing parted on tension at 6241' and fish believed to be corkscrewed to pull. Plan to service M.G.M. #2 and use service rig to test upper Paradox in Texas Gulf Producing Federal 1X well.

Note.—There were - 0 - runs or sales of oil; - 0 - M cu. ft. of gas sold;
- 0 - runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

October 4, 1960

Trans Continental Oil Corp.
3620 Blackburn Road
Calgary, Alberta, Canada

Attention: Mr. Orville V. Burkinshaw, President

Gentlemen:

We would like to thank you for your abandonment report on Well No. M.G.M. #1; however, we also need monthly status and/or completion reports on Wells No. M.G.M. #2 and Federal #1-X. We have made telephone calls, talked to you personally and, therefore, feel justified in asking you to file these reports as soon as possible.

Unless they are received in this office within a reasonable amount of time, it will become necessary for us to take legal action.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:awg

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R350.3
Approval expires 12-31-60.
OFFICE Salt Lake City
LEASE NUMBER SL-064948-C
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Cane Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 19 60, Transcontinental Oil Corporation

Agent's address 3620 Blackburn Road Company _____
Calgary, Alberta, Canada Signed Orville V Burkenshaw

Phone _____ Agent's title Manager

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE 1/4 36	26 S	20 E	Texas Gulf Producing Federal 1X							Both wells are presently shut in. We are endeavour- ing to re-organize our operation to rework M.G.M. #2 and either abandon or rework Texas Gulf Producing Federal 1X well.
			M.G.M. No. 2							

NOTE.—There were - 0 - runs or sales of oil; - 0 - M cu. ft. of gas sold;

- 0 - runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

TRANSCONTINENTAL OIL CORPORATION

3620 BLACKBURN ROAD
CALGARY, ALBERTA
CANADA
CH 3-1396

BOX 487
RANGELY, COLORADO
U.S.A.

November 17, 1960

U. S. Department of the Interior
Geological Survey
Branch of Oil & Gas Operations
445 Federal Building
Salt Lake City 1, Utah

Dear Sirs:

We enclose herewith two copies of our monthly report of operations for the month of October, 1960, on Texas Gulf Producing Federal 1X and M.G.M. No. 2 wells.

Yours very truly,

Orville V. Burkinshaw
Orville V. Burkinshaw
per C. I. 6 L.

/ah
Encl.

cc: The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

**Branch of Oil and Gas Operations
435 Federal Building
Salt Lake City 1, Utah**

November 23, 1960

Subject: Salt Lake 064948-F

**Transcontinental Oil Corporation
3620 Blackburn Road
Calgary, Canada**

Gentlemen:

Your October "Lessee's Monthly Report of Operations" for Lease Salt Lake 064948-C indicates both Wells 1-X and 2 are presently suspended, and in fact they have been in such condition for a number of months. The lease was extended by virtue of production of oil in paying quantities for Well 2. In our opinion, this well is no longer capable of producing oil in paying quantities as evidenced by your reports of "water intrusion" and by oral reports we have had, that the well only produced brine at last testing. Therefore, to justify possible continued extension of this lease, we request you make a determination as to whether or not there is any well on lease Salt Lake 064948-C that is now capable of producing oil in paying quantity. If such determination is not made by you as operator by December 15, then we of this office will make such determination.

If our determination fails to show justification for continuance of the lease, you will be allowed 60 days within which to rework, or otherwise condition the well for paying production.

If this is not done, we will then be forced to recommend termination of this lease.

Very truly yours,

**D. F. RUSSELL
District Engineer**

**DFR:co
CERTIFIED - RRR
cc: Casper, Wyoming
Oil & Gas Commission ✓**

TRANSCONTINENTAL OIL CORPORATION

3620 BLACKBURN ROAD
CALGARY, ALBERTA
CANADA
CH 3-1396

BOX 487
RANGELY, COLORADO
U.S.A.

December 5, 1960

U. S. Department of the Interior
Geological Survey
Branch of Oil & Gas Operations
445 Federal Building
Salt Lake City 1, Utah

Dear Sirs:

We enclose herewith two copies of our
monthly report of operations for the month of November,
1960, on Texas Gulf Producing Federal 1X and M.G.M. No.
2 wells.

Yours very truly,


Orville V. Burkinshaw

/ah
Encl.

cc: The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Branch of Oil & Gas Operations
445 Federal Building
Salt Lake City 1, Utah

REGISTERED MAIL

March 28, 1961

Subject: Salt Lake 044948-7

Transcontinental Oil Corporation
3420 Blackburn Road
Calgary, Canada

Gentlemen:

The subject lease was extended by virtue of completion of well 2 as a well capable of producing oil in paying quantities. However, there have been no reports of oil production since August 1960 and we can find no evidence of any work being performed at either well 2 or 1-X since September.

We doubt well 2 is capable of producing oil at present time in paying quantities and hereby request a production test be made within 30 days of receipt of this letter; otherwise, we will be forced to determine the well is not capable of producing in paying quantities and the lease terminated.

Very truly yours,

D. F. Russell
District Engineer

cc: Casper
Transcontinental Oil Corp.
Cheyenne, Colo.
Mecor, Inc.
Studio City, Calif.
Jack Fether
Long Beach, N. Y.
Harry E. Claiborne
Las Vegas, Nev.

1961 MAY

THE STATE OF UTAH
STATE LAND BOARD

SALT LAKE CITY 6, UTAH

July 29, 1964

United States Fidelity and Guaranty Company
501 Kearns Building
Salt Lake City 1, Utah

Attention: Earl J. Groth

Dear Mr. Groth:

In reply to your letter dated July 7, 1964, concerning the bond which your company furnished to this office for Transcontinental Oil Corp. under oil and gas lease SLO64948C, please be advised that the records of this office indicate that this bond has never been released by the State Land Board. As you may know, this bond covers land in Cane Creek Area of San Juan County and the wells that were drilled on this land were never properly plugged and abandoned. The Utah Oil and Gas Conservation Commission is attempting to work out a plugging program with Texas Gulf Sulphur Company and the bonding companies who had issued bonds on other federal oil and gas leases in the area.

I have discussed this matter with Leon B. Feight at the Oil and Gas Commission and he does not feel that it will be necessary to require the payment of this bond and the wells in question were drilled prior to the issuance of this bond and Transcontinental Oil Corporation only attempted to re-enter the existing holes but were unsuccessful in their project.

However, we do not wish to release this bond until this matter has been settled. We will notify you as to any further action in this matter.

Very truly yours,

DONALD G. PRINCE
ECONOMIC GEOGRAPHER

DGP:lr
CC: Oil and Gas Conservation Commission